



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

ZLOKOVIC et al.

Appln. No. 10/529,748

Filed: March 30, 2005

Confirmation No. 1588

Atty. Ref.: 4061-32

T.C. / Art Unit: 1649

Examiner: D.E. Kolker

FOR: PROTEIN S PROTECTS THE NERVOUS SYSTEM FROM INJURY

* * * * *

INFORMATION DISCLOSURE STATEMENT

August 30, 2007

U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached is Form PTO-1449 listing U.S. patent documents and the enclosed non-U.S. patent documents. The Int'l Search Report for the parent PCT application was published as WO 2004/030619 A3.

This Information Disclosure Statement (IDS) is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under 37 CFR § 1.97(f), to enable Applicants to comply fully. In particular, if any of the listed documents are missing or incomplete, please contact the undersigned who will provide another copy.

As provided by 37 CFR §§ 1.97(g) and (h), no inference should be made that this information and the listed references are prior art merely because they have been submitted for consideration. Furthermore, no representation is being made that a search

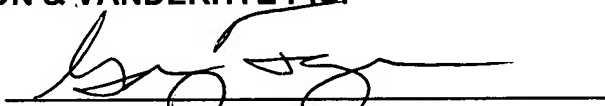
has been conducted or that this statement encompasses all possible material information.

Consideration of the foregoing and enclosures, as well as the return of a copy of the Form PTO-1449 with the Examiner's initials per M.P.E.P. § 609, are earnestly solicited. The Examiner is invited to contact the undersigned if any further information is needed.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: _____


Gary R. Tanigawa
Reg. No. 43,180

1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

INFORMATION DISCLOSURE
CITATION

APPLN. NO.

ATTY. DKT. NO.

10/529,748

4061-32

APPLICANT

ZLOKOVIC et al.

FILING DATE

GROUP

March 30, 2005

1649

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AR	5,321,123	06/1994	Griffin et al.			
BR	5,656,484	08/1997	Bouma et al.			
CR	6,379,975	04/2002	Linse et al.			
DR						

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
ER	2004/030619 A3	06/2005	WO		
FR					
GR					
HR					
IR					
JR					
KR					

OTHER DOCUMENTS (including Author, Title, Pertinent pages, Date, etc.)

LR	Benzakour et al. "The anticoagulant factor, protein S, is produced by cultured human vascular smooth muscle cells and its expression is up-regulated by thrombin" Blood 95:2008-2014 (2000)
MR	Cheng et al. "Activated protein C blocks p53-mediated apoptosis in ischemic human brain endothelium and is neuroprotective" Nature Med. 9:338-342 (2003)
NR	Cheng et al. "Activated protein C inhibits tissue plasminogen activator-induced brain hemorrhage" Nature Med. 12:1278-1285 (2006)
OR	Dömötör et al. "Activated protein C alters cytosolic calcium flux in human brain endothelium via binding to endothelial protein C receptor and activation of protease activated receptor-1" Blood 101:4797-4801 (2003)
PR	Gandrille et al. "Protein S deficiency: A database of mutations – First update" Thromb. Haemost. 84:918-944 (2000)
QR	Guo et al. "Activated protein C prevents neuronal apoptosis via protease activated receptors 1 and 3" Neuron 41:563-572 (2004)
RR	Liu et al. "Protein S confers neuronal protection during ischemic/hypoxic injury in mice" Circulation 107:1791-1796 (2003)
SR	Shibata et al. "Anti-inflammatory, antithrombotic, and neuroprotective effects of activated protein C in a murine model of focal ischemic stroke" Circulation 103:1799-1805 (2001)
TR	
UR	
VR	
WR	
XR	

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)